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JENKINS & WILSON

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NO. 320 P. 1

JAN 12 2005

JENKINS, WILSON & TAYLOR, P.A.

PATENT ATTORNEYS

SUITE 1400 UNIVERSITY TOWER
3100 TOWER BOULEVARD
DURHAM, NORTH CAROLINA 27707
TELEPHONE: (919) 493-8000
FACSIMILE: (919) 419-0383

WEBSITE: WWW.JENKINSWILSONTAYLOR.COM

DATE: January 12, 2005

TO: Examiner Harry S. Hong

FAX NO.: (703) 872-9306

FROM: Gregory A. Hunt (sed)

RE: Serial No. 09/839,394 (Our Ref. No. 1322/45/2)

NUMBER OF PAGES TO FOLLOW: 24

If transmission is poor, or if you do not receive all pages, please
call (919) 493-8000 as soon as possible.

COMMENTS: Please deliver the attached "Request for Acknowledgement of Examiner's Consideration of Previously Filed Information Disclosure Statement" to Examiner Harry S. Hong. If you have any questions, please do not hesitate to contact us. Thank you and best regards.

The information contained in this facsimile message is ATTORNEY PRIVILEGED AND CONFIDENTIAL INFORMATION intended only for the use of the individual or entity named as recipient. If the reader is not the intended recipient, be hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by phone and return the original message to us at the address shown above via the U.S. Postal Service. Thank you.

**JENKINS
WILSON
& TAYLOR**

patent attorneys

January 12, 2005

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

CHRIS PERKINS, PH.D.

JAMES DALY IV, PH.D.

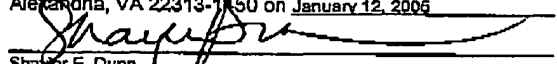
JEFFREY CHILDERS, PH.D.

THEODOSIOS THOMAS

OF COUNSEL
SOROJINI BISWAS*****
*LICENSED ONLY IN CA

**LICENSED ONLY IN NY

I hereby certify that this correspondence is being transmitted
via facsimile to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on January 12, 2005


Shayor E. Dunn
Date of Signature

1/12/05

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/839,394 for
METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING
KEY REGISTRATION
Our File No. 1322/45/2

Sir:

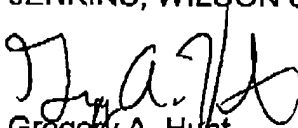
Enclosed in connection with the above-referenced patent application please
find the following:

1. Request for Acknowledgement of Examiner's Consideration of
Previously Filed Information Disclosure Statement (3 pages); and
2. Copies of previously-filed Supplemental Information Disclosure
Statements dated August 18, 2004 and November 12, 2004.

Although no fee is believed to be due, the Commissioner is hereby
authorized to charge any fees associated with the filing of this correspondence to
Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.


Gregory A. Hunt
Registration No. 41,085
Customer No. 25297

GAH/sed

Enclosures

tel 919.493.8000
fax 919.419.0383Jenkins, Wilson & Taylor, P.A.
JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

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Alexandria, VA 22313-1450 on January 12, 2005

JAN 12 2005

PATENT


Shaylor E. Dunn

Date of Signature

1/12/05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benedyk et al.

Group Art Unit: 2642

Serial No.: 09/839,394

Examiner: Harry S. Hong

Filed: April 20, 2001

Docket No.: 1322/45/2

Confirmation No.: 2496

For: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY
REGISTRATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR ACKNOWLEDGMENT OF EXAMINER'S CONSIDERATION OF
PREVIOUSLY FILED INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants filed a Request for Acknowledgement of Examiner's Consideration of Previously Filed Information Disclosure Statements and an Information Disclosure Statement on November 12, 2004. Applicants have now received signed acknowledged copies of the Supplemental Information Disclosure Statement filed on May 23, 2003. However, Applicants still have not received signed copies of the PTO Forms PTO-1449 indicating that the Examiner has considered the references cited in the Supplemental Information Disclosure Statements filed on August 18, 2004 and November 12, 2004. Copies of the previously-filed Supplemental Information Disclosure Statements are attached hereto. The Supplemental Information Disclosure Statement filed on August 18, 2004 was submitted after the mailing of the first Official Action but before the mailing

Serial No.: 09/839,394

of the Notice of Allowance. The Supplemental Information Disclosure Statement included the required fee of \$180.00. Accordingly, it is respectfully submitted that this Supplemental Information Disclosure Statement was proper and should be considered pursuant to 37 C.F.R. § 1.97.

The Supplemental Information Disclosure Statement filed on November 12, 2004 was filed after the mailing of a Notice of Allowance and simultaneously with payment of the Issue Fee. The Supplemental Information Disclosure Statement included the required \$180.00 fee and the certification that no one associated with the prosecution of the application had known of any of the references more than three months prior to the filing of the Supplemental Information Disclosure Statement. Accordingly, it is respectfully submitted that this information is proper under 37 C.F.R. § 1.97 and should be considered by the Patent Office.

On January 6, 2005, Applicants discussed the Supplemental Information Disclosure Statements with Examiner Harry Hong. Examiner Hong indicated that the file was currently unavailable, but that Applicants should send a request that the Supplemental Information Disclosure Statements be considered. It is respectfully submitted that this request satisfies the requirement from the Examiner. Accordingly, Applicants respectfully request that the Supplemental Information Disclosure Statements filed on August 18, 2004 and November 12, 2004 be considered by the Examiner. Applicants respectfully request that the Examiner acknowledge consideration of the references cited in the Supplemental Information Disclosure Statements by returning a copy of the PTO Forms PTO-1449 initialed by the Examiner in the indicated locations.

JAN. 12. 2005 4:39PM

JENKINS & WILSON

NO. 320 P. 5

Serial No.: 09/839,394

Please feel free to contact the undersigned Attorney if there are any questions.

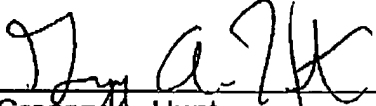
Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: January 12, 2005

By:



Gregory A. Hunt
Registration No. 41,085
Customer No. 25297

1322/45/2 GAH/sed

Enclosures

COPY

The U.S. Patent and Trademark
Office date stamp sets forth the
date of receipt of:

Attorney: GAH/sed
Docket No.: 1322/45/2
Serial No.: 09/839,394
Applicant: Benedyk et al.

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY
REGISTRATION

The following items mailed to the U.S. Patent and Trademark Office on the date indicated
below:

1. Transmittal Letter;
2. Supplemental Information Disclosure Statement (2 pages);
3. Form PTO-1449 in duplicate;
4. Copy of one (1) cited reference;
5. Fee Transmittal (Form PTO/SB/17) in duplicate; and
6. Return-receipt postcard to be returned to us with the U.S. Patent and Trademark
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Date Transmitted: August 18, 2004

The U.S. Patent and Trademark
Office date stamp sets forth the
date of receipt of:

Attorney: GAH/sed
Docket No.: 1322/45/2
Serial No.: 09/839,394
Applicant: Benedyk et al.

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below:

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5. Fee Transmittal (Form PTO/SB/17) in duplicate; and
6. Return-receipt postcard to be returned to us with the U.S. Patent and Trademark
Office filing stamp on it.

AUG 25 2004

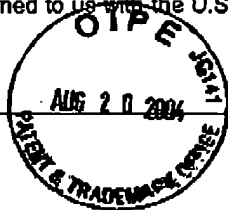
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☐ Small Entity

☒ Large Entity

Date Transmitted: August 18, 2004



**JENKINS
WILSON
& TAYLOR**

patent attorneys

August 18, 2004

RICHARD E. JENKINS

JEFFREY L. WILSON

CHARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

CHRIS PERKINS, PH.D.

JAMES DAILY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL
SOROJINI BISWAS

*LICENSED ONLY IN CA

**LICENSED ONLY IN NY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 18, 2004

Shayler E. Dunn
Date of Signature: 8/18/04

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/839,394 for METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY REGISTRATION
Our File No. 1322/45/2

Sir:

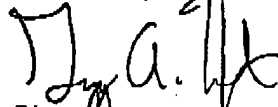
Please find enclosed in connection with the subject U.S. patent application the following documents:

1. A Supplemental Information Disclosure Statement (2 pages);
2. Form PTO-1449 in duplicate;
3. Copy of one (1) cited reference;
4. Fee Transmittal (Form PTO/SB/17) in duplicate; and
5. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.



Gregory A. Hunt
Registration No. 41,085
Customer No.: 25297

GAH/sed

Enclosures

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number 09/839,394
Filing Date April 20, 2001
First Named Inventor Robby Darren Benedyk
Examiner Name Mwanyoha, S. P.
Art Unit 2642
Attorney Docket No. 1322/45/2

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

50-0426

Jenkins, Wilson & Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20** = X =
Independent Claims -3** = X =
Multiple Dependent =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1812 2,520	2812 1,260	For filing a request for ex parte reexamination	
1804 920*	2804 460*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	2805 920*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 425	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	2451 755	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	2460 65	Petitions to the Commissioner	
1807 50	2807 25	Processing fee under 37 CFR 1.17(q)	
1808 180	2808 90	Submission of Information Disclosure Stmt	180.00
8021 40	28021 20	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 450	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

Name (Print/Type) Gregory A. Hunt Registration No. 41,085 Telephone 919-493-8000
Signature [Signature] Date August 18, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

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☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number 09/839,394
Filing Date April 20, 2001
First Named Inventor Robby Darren Benedyk
Examiner Name Mwanoyoha, S. P.
Art Unit 2642
Attorney Docket No. 1322/45/2

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
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Name

50-0426

Jenkins, Wilson & Taylor, P.A.

The Director is authorized to: (check all that apply)

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☐ Charge any additional fee(s) or any underpayment of fee(s)

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SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

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1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 840	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)	
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1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

Name (Print/Type)

Gregory A. Hunt

Registration No.

(Attorney/Agent)

41,085

(Complete if applicable)

Telephone

919-493-8000

Signature

[Signature]

Date

August 18, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-4400

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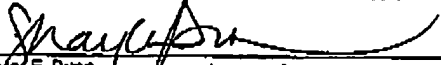
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Shayla E. Dunn
Date of Signature 8/18/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benedyk et al.

Group Art Unit: 2642

Serial No.: 09/839,394

Examiner: Mwanyoha, S. P.

Filed: April 20, 2001

Docket No.: 1322/45/2

Confirmation No.: 2496

For: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY REGISTRATION

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the document listed on the attached form PTO-1449. A copy of the reference as well as Form PTO-1449 is attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a Final Action or the Notice of Allowance. Accordingly:

[] No \$180 fee under 37 C.F.R. Section 1.17(p) is due as the undersigned hereby certifies:

COPY

Serial. No. 09/839,394

☐ that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or

☐ that to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. Section 1.56(c) more than three months prior to the filing of this statement.

☒ The undersigned is unable to so certify, because submission of the present Information Disclosure Statement is after receipt by applicant of an Official Action on the merits, and thus the Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 50-0426 under 37 C.F.R. Section 1.17(p).

It is respectfully requested that the Examiner indicate consideration of the cited reference by returning a copy of the attached form PTO-1449 with initials or other appropriate marks. Early passage of the subject application to issue is earnestly solicited.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: August 18, 2004

By: 

Gregory A. Hunt
Registration No. 41,085
Customer No.: 25297

1322/45/2 GAH/sed
Enclosures

COPY

Sheet 1 of 1

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 1322/45/2		Serial No. 09/839,394	
List of Documents Cited by Applicant							
				Applicant(s): Benedyk et al.			
				Filing Date: April 20, 2001		Group: 2642	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
	1	6,674,748	01/06/2004	Dykhuisen et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

EXAMINER _____

DATE CONSIDERED _____

*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY

Sheet 1 of 1

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 1322/45/2		Serial No. 09/839,394	
List of Documents Cited by Applicant							
				Applicant(s): Benedyk et al.			
				Filing Date: April 20, 2001		Group: 2642	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
	1	6,674,748	01/06/2004	Dykhuzen et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

EXAMINER _____

DATE CONSIDERED _____

*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY

The U.S. Patent and Trademark
Office date stamp sets forth the
date of receipt of:

Attorney: GAH/sed
Docket No.: 1322/45/2
Serial No.: 09/839,394
Applicant: Benedyk et al.

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY
REGISTRATION

The following items mailed to the U.S. Patent and Trademark Office on the date indicated below:

1. Transmittal Letter (2 pages);
2. Base Issue Fee Transmittal Form in duplicate;
3. Supplemental Information Disclosure Statement (3 pages);
4. Form PTO-1449 (2 pages) in duplicate;
5. Copies of twenty-three (23) cited references;
6. Fee Transmittal (Form PTO/SB/17) in duplicate;

The U.S. Patent and Trademark
Office date stamp sets forth the
date of receipt of:

Attorney: GAH/sed
Docket No.: 1322/45/2
Serial No.: 09/839,394
Applicant: Benedyk et al.

Previously Filed Information

lements; and
nd Trademark Office filing

Title: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY
REGISTRATION

The following items mailed to the U.S. Patent and Trademark Office on the date indicated below:

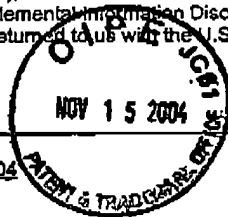
1. Transmittal Letter (2 pages);
2. Base Issue Fee Transmittal Form in duplicate;
3. Supplemental Information Disclosure Statement (3 pages);
4. Form PTO-1449 (2 pages) in duplicate;
5. Copies of twenty-three (23) cited references;
6. Fee Transmittal (Form PTO/SB/17) in duplicate;
7. Request for Acknowledgment of Examiner's Consideration of Previously Filed Information
Disclosure Statements (2 pages);
8. Copies of previously-filed Supplemental Information Disclosure Statements; and
9. Return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing
stamp on it.

NOV 18 2004

☒ First Class Mail
☐ Express Mail Label No: _____

☐ Small Entity
☒ Large Entity

Date Transmitted: November 12, 2004



**JENKINS
WILSON
& TAYLOR**

patent attorneys

November 12, 2004

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

CHRIS PERKINS, PH.D.

JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL
SOROJINI BISWAS

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LICENSED ONLY IN NY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 12, 2004

Shayel E. Dunn
Date of Signature

11/12/04

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/839,394 for
METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING
KEY REGISTRATION
Our File No. 1322/45/2

Sir:

Enclosed in connection with the above-referenced patent application please find the following:

1. Base Issue Fee Transmittal Form in duplicate;
2. Supplemental Information Disclosure Statement (3 pages);
3. Form PTO-1449 (2 pages) in duplicate;
4. Copies of twenty-three (23) cited references;
5. Fee Transmittal (Form PTO/SB/17) in duplicate;
6. Request for Acknowledgment of Examiner's Consideration of Previously Filed Information Disclosure Statements (2 pages);
7. Copies of previously-filed Supplemental Information Disclosure Statements; and
8. A return-receipt card to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon.

tel 919.493.8000
fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.
JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707

JAN. 12. 2005 4:42PM

JENKINS & WILSON

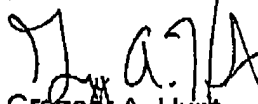
NO. 320 P. 16
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Mail Stop Issue Fee
November 12, 2004
Page 2

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.


Gregory A. Hunt
Registration No. 41,085
Customer No. 25297

GAH/sed

Enclosures

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PTO/SB/17 (10-04)

Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,850.00

Complete if Known

Application Number	09/839,394
Filing Date	April 20, 2001
First Named Inventor	Robby Darren Benedyk
Examiner Name	Mwanyoha, S. P.
Art Unit	2642
Attorney Docket No.	1322/45/2

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number	50-0426
Deposit Account Name	Jenkins, Wilson & Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) _____

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent	Multiple Dependent	-20** =	-3** =				
				X			
				X			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) _____

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	1,370.00
1502	490	2502	245	Design issue fee	
1603	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
1808	180	1808	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Publication Fee					300.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1,850.00

SUBMITTED BY

Name (Print/Type) Gregory A. Hunt

Registration No. (Attorney/Agent)

41,085

(Complete if applicable)

Telephone 919-493-8000

Signature

Date November 12, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

1,850.00

Complete If Known

Application Number 09/839,394
Filing Date April 20, 2001
First Named Inventor Robby Darren Benedyk
Examiner Name Mwanoyha, S. P.
Art Unit 2642
Attorney Docket No. 1322/45/2

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number 50-0426
Deposit Account Name Jenkins, Wilson & Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 190	2005 90	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20- = X =
Independent Claims -3- = X =
Multiple Dependent =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 96	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	Reissue independent claims over original patent	
1205 18	2205 9	Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
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1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	1,370.00
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1909 790	2909 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1901 790	2901 395	Request for Continued Examination (RCE)	
1902 900	1902 900	Request for expedited examination of a design application	
Other fee (specify) Publication Fee			300.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

1,850.00

SUBMITTED BY

Name (Print Type) Gregory A. Hunt

Signature *Gregory A. Hunt*Registration No. 41,085
(Attorney/Agent)

(Complete if applicable)

Telephone 919-493-8000

Date November 12, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.


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JENKINS & WILSON

NO. 320 P. 19
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Shafiq E. Dunn
Date of Signature 11/12/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Benedyk et al.

Group Art Unit: 2642

Serial No.: 09/839,394

Examiner: Mwanyoha, S. P.

Filed: April 20, 2001

Docket No.: 1322/45/2

Confirmation No.: 2496

For: METHODS AND SYSTEMS FOR PROVIDING DYNAMIC ROUTING KEY
REGISTRATION

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached form PTO-1449. Copies of the documents as well as Form PTO-1449 are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

The Ericsson Distributed Wireless Office System (DWOS) described in the documents listed on the attached form PTO-1449 appears and is believed to be Ericsson's commercial product corresponding to Ericsson's U.S. patent no. 6,411,632 to Lindgren et. al. The DWOS is described in the documents as a wireless PBX and is not

Serial No. 09/839,394

described in the documents as an STP. Further, Applicants believe that the DWOS included SS7 interface cards and IP interface cards, and the conversion from SS7-to-IP and IP-to-SS7 occurred on the respective cards.

This information is being submitted after the mailing of the Notice of Allowance, but prior to or simultaneously with payment of the Issue Fee. Pursuant to 37 C.F.R. § 1.97(d) Applicants respectfully request that the documents cited in the Information Disclosure Statement be considered because:

- (1) Applicants certify that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned attorney, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in section 1.56(c) more than three months prior to the filing of the Information Disclosure Statement; and
- (2) authorization to charge Deposit Account No. 50-0426 for the fee pursuant to 37 C.F.R. § 1.17(p) is hereby granted.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks. Early passage of the subject application to issue is earnestly solicited.

JAN. 12. 2005 4:44PM

JENKINS & WILSON

NO. 320

COPY

Serial No. 09/839,394

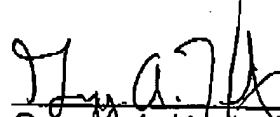
The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: November 12, 2004

By:



Gregory A. Hunt
Registration No. 41,085

Customer No.: 25297

1322/45/2 GAH/sed

Enclosures

**FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office****List of Documents Cited by Applicant**

Application No.:	09/839,394
Filing Date:	April 20, 2001
First Named Inventor:	Benedyk et al.
Group:	2642
Examiner:	Mwanyoha, S. P.
Attorney Docket No.:	1322/45/2

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number (country code, no., kind code (if known))	Publication Date	Name of Patentee or Applicant	Pages, columns, lines where relevant passages appear	T

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include Author (in CAPITAL LETTERS), Title, Journal, Date, Pertinent Pages, Etc.	T
	1	Pai, "In-Building Wireless: The Next Generation," TelephonyOnline.com, pgs. 1-4 (June 30, 2004).	
	2	Handa, "In Building Wireless: The Next Generation," TMCnet.com, pgs. 1-7 (February 12, 2004).	
	3	Fitchard, "A New Voice in the Boardroom," Wireless Review, pgs. 1-3 (September 1, 2003).	
	4	"Fixed Wireless Technology," ISP Planet, pgs. 1-4 (May 14, 2002).	
	5	Martinek, "Office on the Fly," Wireless Review, pgs. 1-4 (July 15, 2001).	
	6	"March Networks 3300 Integrated Communications Platform," Mitel Networks Corporation, pgs. 1-34 (July 2001).	
	7	Swartz, "Ready, Set, Wireless Office!," Wireless Review, pgs. 1-4 (June 1, 2000).	

8	"Telstra and Ericsson Trial Next Generation Wireless Office Solution," Ericsson, pgs. 1-2 (April 28, 2000).
9	"Mitel and Ericsson Join Forces to Deliver an Integrated Digital Wireless Office Solution with PBX Functionality-Company Business and Marketing," Cambridge Telecom Report, pgs. 1-4 (April 24, 2000).
10	"Market and Development Agreement Targets Customers Looking for Ways to Become More Productive Through Convenient and Cost-Effective Communication," Ericsson Press Release, pgs. 1-2 (April 4, 2000).
11	Sulkin, "Emerging Options for Wireless PBXs," Voice2000, pgs. 1-8 (February 2000).
12	Drzewianowski, "WLANs - For the Picking," Communications Solutions™ Next-Gen Networks, pgs. 1-9 (January 2000).
13	"The Wireless Business Connection," Second Quarter 2000 Report, The Phillips Group - Infotech, pgs. 1-9 (2000).
14	"Ericsson Announces General Availability of Its Mobile Advantage Wireless Office System," Ericsson Press Release, pgs. 1-2 (November 4, 1999).
15	"Corporate Offices to Go Wireless First Australian GSM on the Net Trial," Ericsson Press Release, pgs. 1-3 (August 11, 1999).
16	"Ericsson Solution Chosen for World's First Combined DECT/GSM Communications Service," Ericsson, pgs. 1-9 (June 21, 1999).
17	Johanson et al., "Mobile Advantage Wireless Office—A Digital Wireless Office System for TDMA/136 Networks," Ericsson Review No. 1, pgs. 20-27 (1999).
18	"Enterprise IP Gateway," Ericsson, pgs. 1-6 (1999).
19	"The Ericsson IPT System," Ericsson, pgs. 1-8 (1999).
20	"Wireless: Top Ericsson Executives Lay Out Corporate Vision, Unveil Strategy for the Enterprise Customer - Company Business and Marketing," EDGE, On & About AT&T, pgs. 1-5 (November 30, 1998).
21	"Ericsson Wireless Office Services to Provide Digital System Through AT&T Wireless Services," Ericsson Press Release, pgs. 1-2 (April 17, 1998).
22	Woods, "Fresno Bee Still Buzzing About Wireless," TechNews, pgs. 1-2 (1995).
23	"teleSys Announces the Compatibility of Ericsson's Mobile Advantage Wireless Office and teleSys' MACH7-IP Gateway," teleSys Software - Press Release, pgs. 1-2 (Publication Date Unknown).

EXAMINER _____ DATE CONSIDERED _____

*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY
Page 1 of 2

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office List of Documents Cited by Applicant		Application No.:		09/839,394		
		Filing Date:		April 20, 2001		
		First Named Inventor:		Benedyk et al.		
		Group:		2642		
		Examiner:		Mwanyoha, S. P.		
		Attorney Docket No.:		1322/45/2		
U.S. PATENT DOCUMENTS						
Examiner Initial	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear	
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number (country code, no., kind code (if known))	Publication Date	Name of Patentee or Applicant	Pages, columns, lines where relevant passages appear	T
OTHER DOCUMENTS						
Examiner Initials	Cite No.	Include Author (in CAPITAL LETTERS), Title, Journal, Date, Pertinent Pages, Etc.				T
	1	Pai, "In-Building Wireless: The Next Generation," TelephonyOnline.com, pgs. 1-4 (June 30, 2004).				
	2	Handa, "In Building Wireless: The Next Generation," TMCnet.com, pgs. 1-7 (February 12, 2004).				
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15	"Corporate Offices to Go Wireless First Australian GSM on the Net Trial," Ericsson Press Release, pgs. 1-3 (August 11, 1999).
16	"Ericsson Solution Chosen for World's First Combined DECT/GSM Communications Service," Ericsson, pgs. 1-9 (June 21, 1999).
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